Symposium Neurocognition and Action in Sport – Individualized Diagnostics and Coaching
(4 - 6 May 2017)
Thomas Schack & Dirk Koester

Thursday, 4 May 2017

CITEC Building, Room 1.204

09.00 - 9.45
Introduction and overview
Prof. Thomas Schack

09.45 -10.30
Prof. Matthias Weigelt
Cognitive science in action - Perception-action coupling in expert athletes

10:30 - 11.00
Coffee break

11.00 - 12.30
Imagery and Learning
Dr. Cornelia Frank
States of action and learning in (inter)action:
A perceptual-cognitive perspective
Shiau Chuen Chiou
Imitation of the meaningless "dance-like" actions - a new hypothesis
Alessio d Aquino
Exploring Gaze Behavior in Action Execution and Motor Imagery during Manual Interception

12:30 – 14:00
Lunch at Uni Mensa

CITEC Building Lecture Hall, Room 0.007

14:00 - 15.30
Memory and Expertise
Ludwig Vogel
Mental representation of complex and sequential actions as a basis for an adaptive cognitive training
Dr. Heiko Lex
Cognitive Representations of Tactics in Soccer
Dr. Iris Güldenpenning
Modulating factors of the head-fake effect in basketball

15:30 – 16:00
Coffee break (1.204)
### Thursday, 4 May 2017

**CITEC Building, Room 1.204**

<table>
<thead>
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<th>Time</th>
<th>Event</th>
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| 16.00 - 17.30 | *Neuromeasurement and Neurofeedback*  
Ming Yang Cheng  
*Enhancing Sports Performance by Neurofeedback Training*  
Elvis Hagan  
*Elite athletes’ in-event competitive anxiety responses and psychological skills usage under differing conditions: Lessons for adopting effective coaching interventions* |

**19:00**  
*Dinner*  
Restaurant Nichtschwimmer  
Arndtstraße 6 - 8, 33602 Bielefeld  
[www.ich-bin-nichtschwimmer.de](http://www.ich-bin-nichtschwimmer.de)
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**Friday, 5 May 2017**

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<td>9.30 - 10.30</td>
<td>Sport psychology</td>
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<td>Prof. Gershon Tenenbaum</td>
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<td></td>
<td><em>Measurement and Research for Cognitive Processes in Sportpsychology</em></td>
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<td><em>(working title)</em></td>
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<td>10.30 – 11.00</td>
<td>Open discussion</td>
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<td>Prof. Gershon Tenenbaum</td>
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<td><em>Development of Sportpsychology and recent topics</em></td>
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<td>11:00 – 11.30</td>
<td>Coffee break</td>
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<td>11.30 - 13.00</td>
<td>Labtour and demonstration</td>
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<td>Manual Intelligence Lab</td>
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<td>EEG Lab</td>
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<td>Biomechanic Lab</td>
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<td>13.00 – 14:30</td>
<td>Lunch at Uni Mensa</td>
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<td>14.30 - 16.00</td>
<td>New Perspectives</td>
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<td>Intro and thematic overview:</td>
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<td>Prof. Dieter Hackfort</td>
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<td></td>
<td><em>New approaches in Sportpsychology Diagnostics</em> (working title)*</td>
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<td>Dr. Kostas Velentzas</td>
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<td><em>Routines’ Adaptation in self and semi self paced sports</em></td>
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<td>Dr. Andre Krause/ Ludwig Vogel</td>
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<td><em>The Supportive Personal Coach - a component of future smart homes</em></td>
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<td>16.00 – 16.30</td>
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16.30 - 18.00
New Technologies

Thomas Küchelmann
Multimodal Measurement of Chess Expertise in the Project CEEGE - Overview
Dr. Kai Essig; Benjamin Strenge
ADAMAAS – Cognitive Technologies for Mobile and Individualized Diagnostic and Coaching
Miguel Cienfuegos (FAMULA)
Objects Representation, from Cognition to Action

19.30
Dinner

Restaurant Pappelkrug
Address: Wertherstraße 311, 33619 Bielefeld
www.pappelkrug.de
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Saturday, 6 May 2017

14.00 – 19:00

Meet the Sportpsychology Experts
Prof. Gershon Tenenbaum (Florida State University; USA; former President of the International Society of Sportpsychology)
Prof. Jürgen Nitsch (Sportuniversity Cologne, Germany; former President of the German Society of Sportpsychology)
Prof. Dieter Hackfort (München; former President of the International Society of Sportpsychology)
Prof. Matthias Weigelt (Paderborn, Germany, NASPSPA, asp, ISSP)

Thomas Schack (Vice President of the International Society of Sportpsychology)

Others